Electronic Acknowledgement Receipt					
EFS ID:	5773563				
Application Number:	10785449				
International Application Number:					
Confirmation Number:	8514				
Title of Invention:	Rotatable catheter assembly				
First Named Inventor/Applicant Name:	Tracee Eidenschink				
Customer Number:	28075				
Filer:	Benjamin Nyquist/Kris Wilfrid				
Filer Authorized By:	Benjamin Nyquist				
Attorney Docket Number:	1001.2265101				
Receipt Date:	27-JUL-2009				
Filing Date:	24-FEB-2004				
Time Stamp:	14:30:46				
Application Type:	Utility under 35 USC 111(a)				

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$180
RAM confirmation Number	636
Deposit Account	500413
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed (SB/08)	10012265101IDSfiled7-27-09. pdf	462962	no	9
	Filed (SB/08)	par	12489585925d36e759e2f5845af3faf9246c6 470		
Warnings:					
Information:					
This is not an U	SPTO supplied IDS fillable form				
2	Foreign Reference	ES2048086wAbstract.pdf	326393	no	10
4			3267e5d8xec5afla75a6aa24967e6cax16420 88e7		
Warnings:					
Information:					
3	Foreign Reference	ES2062930wAbstract.pdf	475450	no	13
1	Totalgimeterene	25200250011105ttacapat	18c34732u34315u56dbb231c74327f73u55 35b62		
Warnings:					
Information:					
			675993		22
4	Foreign Reference	GB2227020.pdf	818cbx817726e5baa48dbea3cfe4d65d87567 3d8	no	
Warnings:	,				
Information:					
5	Foreign Reference	JP10014863wAbstract.pdf	438249	no	21
,	roreign keierence	JF 10014005WADStract.pdi	3c892349ae500ee0b3aae8e6093566121bf 8185a	no	21
Warnings:					
Information:					
6	Foreign Reference	JP80866351wAbstract.pdf	92341	no	3
•	roreign Reference	or ocoocs i was stact, pui	9484818d2733fb7e035e244767eoc50df726 eaalb	110	,
Warnings:					
Information:					
			214748		
7	Foreign Reference	JP8322783wAbstract.pdf	f228ad387403achb8bc15b9b36ea795c2b7 608d2	no	5
Warnings:	I		1		
Information:					
	Facility Defended	W00150073 - 45	2545452		
8	Foreign Reference WO0158973.p	WO01589/3.pdf	58695ed166680x3x53xd0x37xcb482618d5	no	53
	1		7e#12		

9	Foreign Reference	WO03094800.pdf	2027109	no	52
			d582f127509e3d96ae5e47e9d17c92dc818 a6574		
Warnings:					
Information:					
10	Foreign Reference	WO04000141A1.pdf	1379524	no	35
		·	e02a87def5a00cbbeel37030f3e2bc885f22c 3b79		
Warnings:					
Information:					
11	Foreign Reference	WO2005025458.pdf	2730649	no	72
"	roleighmeierence	W02003023436.pdi	18eScdfb0b22357cd962de06d76162faecff 9d49	110	/2
Warnings:		'			
Information:					
12	NPL Documents	BarCohenEtAlEAPActuatorsforP	458737	no	6
'2	Nr E Documents	lanetary.pdf	456ec64d34973ca467bb9e912e4f210691a2 8217	110	J
Warnings:					
Information:					
	AUDI D	Bar-	1432602		
13	NPL Documents	CohenEAPActuatorsChapt16	4c3ab5688da7879af4eb9b74d3e091f5cce8 cacd	no	21
Warnings:					
Information:					
		Bar-	1789163		
14	NPL Documents	CohenEAPActuatorsChapt21. pdf	579910b60fsd5559c0d84c93b07b8b41fs8	no	24
Warnings:		1			
Information:					
	AUDI D	EAPHistoryCurrentChapter1.	2304188		
15	NPL Documents	pdf	ee7df36e315Sb93a72236945eeee3f57cac3 1b5S	no	42
Warnings:					
Information:					
		Bar-	860383		
16	NPL Documents	CohenHandbookonBiommeticspdf	b4443s2e6fd601b6b48se8631a26be2e6ca 9b1d5	no	13
Warnings:		1	1		
Information:					
17	NDI Desuments		516842		7
17	NPL Documents	CohenTransitionofEAPMaterial. pdf	6622.1e6488ea51ecdfb21cd102b4e0cacb6a 98749	no	/
Warnings:		1			
warmings.					

18	NPL Documents	WWEAPNewsletter.pdf	967275 58bec2ca53d1e/6e99fac9ea6003d3%bb bhad	no	14
Warnings:		I	0.00		
Information:					
19	NPL Documents	BrockReviewofArtificialMuscle.	655509 19c9b7c0891c0b67742b90b21807d1c38c7	no	12
Warnings:			a9fdc		
Information:					
inionilation.			27225		
20	NPL Documents	BuckleyDARPADSO.pdf	372256	no	8
			44a7127bade59ddcfed968616b9da6d95e0 6641		
Warnings:					
Information:					
		ChoEtAlDevelopmentofMicro.	713747		
21	NPL Documents	pdf	2c28925933dt2fc105c12d43dbb2b2305ce 76740	no	10
Warnings:					
Information:					
22 NPL Docum	NPL Documents	GoodellLaserThrombolysisLT.	108984	no	3
	W E Documents	pdf	22047cece15390c72e153cl04d41eeac5c9d 2cl6		
Warnings:					
Information:					
23	NPL Documents	GulchEtAlCharacterizationofEle ctroactive.pdf		no	11
		- Clisatina par	9672cbf6d84d64bb6d7e4d9358b701471d a75701		
Warnings:					
Information:					
24	NPL Documents	GMDSnakeRobotSnake.pdf	202905	no	3
24	NPE Documents	GMD3HakeRODOISHake.pul	6545d9469cacd1e6d46a6x224cb1980x84587 d6d	110	,
Warnings:					
Information:					
			63024		-
25	25 NPL Documents NanoBioElectroActive.	NanoBioElectroActive.pdf	d05d39dc0edf56d40fax9d10edb937eb55a	no	1
Warnings:			9611f		
Information:					
information:					
26	NPL Documents	Laser Thrombolysis.pdf	696311 Bc1s6c2fbfc260s62406d7800s0s2c2s0sed Bcd1	no	9
Warnings:					
Information:					

27	NPL Documents	SmartCatheters.pdf	59135	no	1
	N E Documents	Sharted Heters.pur	dd5c2176f1c7b99afccf87a508cl2015b52b8 fa34	110	
Warnings:					
Information:					
28	NPL Documents	Polymerand Separations.pdf	410337	no	12
			e97e2953319809s86c95707ac1886e79081 2bb6c		
Warnings:					
Information:					
29	NPL Documents	Snake-LikeRobotEndoscopes.	133060	no	2
		pai	deea84lb3bb4e589891c13670a6385e9675 b54b1		
Warnings:					
Information:					
30	NPL Documents	ElectroActivePolymers2Ionican		no	2
		dConductive.pdf	697acb295974ffed4cas4290823s2s92583f 081		
Warnings:					-
Information:					
31	NPL Documents	Snake-LikeFlexibleMicroRobot.	388162	no	6
,	N E Documents	pdf	804b617d7df9cb86a0901e4020f564fc5d28 bfse	110	Ü
Warnings:					
Information:					
32	NPL Documents	Azom-EAPS.pdf	269033		
52	MEL Documents			no	
		Azom-EAPS.pdf	15dac9072001e64e418098998790ae78a1a 819c5	no	7
Warnings:		Azom-EAPS.pdf	15dac9972001e64e438998938790ae78a1a 819c5	no	, , , , , , , , , , , , , , , , , , ,
		AZom-EAPS.pdf	15dax8972001e64e418998998790ae78a1a 839e5	no	,
Warnings: Information:	ADI December		15dac9972601e64e13698998790ac78e1a 819c5		
	NPL Documents	Azom-EAP3.pdf DesigningSite.pdf		no	4
Information:	NPL Documents		112242 422h 16rd 7202 a 65a3a h 1 8rd 18acc 542 161 1		
Information:	NPL Documents		112242 422h 16rd 7202 a 65a3a h 1 8rd 18acc 542 161 1		
Information: 33 Warnings: Information:		DesigningSite.pdf	112242 422h 16rd 7202 a 65a3a h 1 8rd 18acc 542 161 1	no	4
Information: 33 Warnings:	NPL Documents NPL Documents		112242 422b16cd720226536c014c01186cc5421611 shife		
Information: 33 Warnings: Information:		DesigningSite.pdf	112242 122b1ced7292e5sb491dced52181 shife 137067	no	4
Information: 33 Warnings: Information:		DesigningSite.pdf	112242 122b1ced7292e5sb491dced52181 shife 137067	no	4
Information: 33 Warnings: Information: 34 Warnings: Information:	NPL Documents	DesigningSite.pdf	112242 122b1ced7292e5sb491dced52181 shife 137067	no	4
Information: 33 Warnings: Information: 34 Warnings:		DesigningSite.pdf ERGSRIAutomation.pdf	112242 122b16ct7522e95a6916ct7542htl slade 137067 7675b1a6660779cc75c56c6b3979c7	no	4
Warnings: Information: 33 Warnings: Information: 34 Warnings: Information:	NPL Documents	DesigningSite.pdf ERGSRiAutomation.pdf MiniatureElectroactivePolymer	112242 12201661720247506714671466521811 state 137067 137067 7/78144608778667276766603097977	no	4

36	NPL Documents	IkutaEtAlShapeMemoryAlloy.	281011	no	4
	. W E Documents	pdf	5e770f15f582df84d5e425759f775b74351d 960f		-
Warnings:					
Information:					
37	NPL Documents	ImmerstrandEtAlConjugated- Polymer.pdf	463457	no	4
4-1		,	fabdts8e1e991ese178cd5cdb8f8e58175cs 6689		
Warnings: Information:					
			450530		
38	NPL Documents	Jager Et ALApplications of Polypy rrole.pdf	459528	no	8
Warnings:			974cd395e125c9e317a4lb30b8304a95b9b c4750		
Information:					
		JagerEtAlMicrofabricatingConj	639424		
39	NPL Documents	ugated.pdf	8dabd1c3c4f859d7f12370b656e03c4f41b4 29b8	no	6
Warnings:			2300		
Information:					
		Kubler Et Al An Endoscopic Navig	151349		
40	NPL Documents	ation.pdf	84d2al72c2b881f6d00c619152316100af45 3471	no	2
Warnings:					
Information:					
41	NPL Documents	Kubler Et Al Endoscopic Robots.	782559	no	7
		pdf	52sse659s33e14681s3c7190c69cf13c005c 36s2		
Warnings:					
Information:					
	NPL Documents	MaddenetAlConductingPolyme	1234226	no	15
Information:	NPL Documents	MaddenetAlConductingPolyme r.pdf	1234226 d34164999c08u6u3c1146715db4d577036s 1566	no	15
42 Warnings:	NPL Documents			no	15
Information:	NPL Documents			no	15
42 Warnings:	NPL Documents NPL Documents	r.pdf MaddenetalPolypyrroleActuato	d1419499e88a6ccc1146715d546577035a 1566	no	15
Warnings: Information:		r.pdf	d1419499e88a6ccc1146715d546577035a 1566		
Warnings: Information: 43 Warnings:		r.pdf MaddenetalPolypyrroleActuato	d3418999cd4sbcc(146715dbc46577036 1566 1057762		
Warnings: Information:		r.pdf MaddenetalPolypyrroleActuato	d3418999cd4sbcc(146715dbc46577036 1566 1057762		
Warnings: 43 Warnings:		r,pdf MaddenetalPolypyrroleActuato rs.pdf MaddenConductingPolymerAc	d3418999cd4sbcc(146715dbc46577036 1566 1057762		
Warnings: Information: 42 Warnings: Information: 43 Warnings: Information:	NPL Documents	r,pdf MaddenetalPolypyrroleActuato rs.pdf	dHIPHMeRdadach (HA7150-45770)d 1566 1067762 1057762 778adach (HIRAPPRA 15750-47c) 411b4	no	13

45	NPL Documents	MazzoldiEtAlConductivePolym er.pdf		no	8
		er.pui	d47d53adc201f6d708d52a6bd5018879f84 d78		
Warnings:					
Information:					
46	NPL Documents	NamElectroactivePolymerEAP.	51256	no	1
4			891276014e605c836c13d0c0141621e1a690 698		
Warnings:					
Information:					
47	NPL Documents	Otero EAP as Multifunctional.pdf		no	9
			4815066F3cbd5b7d6b576fs90s5c0s14b88 1c577		
Warnings:					
Information:					
48	NPL Documents	PeirsEtAlMiniatureParallel.pdf	28819	no	1
			660b94e463e16c1896db447cebb9ccb9c0e df4de		
Warnings:					
Information:					
49	NPL Documents	PelrineEtAlApplicationsofDielec	1200411	no	16
		tric.pdf	8ccc)36991ba3clee1c26e07788b20c70f10 e6f		
Warnings:					
Information:		_			
50	NPL Documents	RocchiaEtAlExploitingConducti	429471	no	5
30	THE DOCUMENTS	ng.pdf	3ef1870443de1d44408±48d1630d47b674f f27a3		,
Warnings:					
Information:					
51	NPL Documents	SahooEtAlActuatorsBasedonEle	308015	no	4
		ctroactive.pdf	efc9816f746bf8094ed397305008461b3e4 bc88		
Warnings:					
Information:					
52	NPL Documents	Sansinena Et Al EAP Chap 7.pdf	1739551	no	29
32	THE DOCUMENTS	Sansinenaeonen enapripai	8b35e6807b601c717c9d2c48365c845cs072 325f		
Warnings:					
Information:			195961	no	
	NPL Documents	SantaIntravascularMicrocathete		no	2
Information:	NPL Documents	SantaIntravascularMicrocathete r.pdf	e1ad79e058a47077d046dad1b0551c0e55ca 8d2da	no	2

54	NDI Desuments	NPL Documents SmelEtAlElectrochemicallyDriv	8/0931	no	11
J4	N E Documents	en.pdf	6296866213be470ad316057ee575d693ab 0372d	110	
Warnings:		·			
Information:					
55	NPL Documents	SmelaEtAlThiol-Modified.pdf	730392	no	6
33	THE DOCUMENTS	Sincaza i mor modine a par	7c1960e54ea6b804019e50e40e6d2ss213c eb037		
Warnings:					
Information:					
56	NPL Documents	SmelaConjugatedPolymer.pdf	1293783	no	14
30	THE DOCUMENTS		88a/9c49ds2561ae0ec1de303bae+609fc6 1c188		
Warnings:					
Information:					
57	NPL Documents	SmelaMicrofabricationofPPyMi	1616200	no	18
		croactuators.pdf	a2c0123aa72c9d7c41542787ic5acc4bad0f b9b5		
Warnings:					
Information:					
58	NPL Documents	WaxEtAlCompliantActuators.	619739	no	9
		pdf	0372833b800b62cb2ef78995b84efdesc36f ce44		
Warnings:					
Information:					
59	NPL Documents	ZhouEtAlActuatorsfortheCochl	126130	no	2
		ear.pdf	07273927c744410565701d26754c549211f 08111		
Warnings:					
Information:					
60	Fee Worksheet (PTO-875)	fee-info.pdf	30052	no	2
		133 1110 121	b0es99ca2ae9609b76c7195378530236s4d d7fcc		
Warnings:					
Information:					
		Total Files Size (in bytes)		588370	

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-[d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.